



SEQUENCE LISTING

<110> Swenson, David  
Cepheid

<120> Controls for Primers in Multiplex Amplification  
Reactions

<130> 020048-001710US

<140> US 10/721,579

<141> 2003-11-24

<150> US 60/429,834

<151> 2002-11-27

<160> 15

<170> PatentIn Ver. 2.1

<210> 1

<211> 81

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Bacteria A  
specific PCR target sequence

<400> 1

ggtgcggaag tgtaacgagg tggaaagcgc accatcggtt ctattacaag tcccttgatg 60  
gaagattatg tcgaccactt t 81

<210> 2

<211> 81

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: complementary  
sequence to the target sequence for Bacteria A

<400> 2

aaagtgggtcg acataatctt ccatcaaggg actagtaata gaaacgatgg tgcgctttcc 60  
acctcgttac acttcgcac c 81

<210> 3

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Bacteria A  
forward primer

<400> 3

ttacacttcc gcacc

15

<210> 4  
 <211> 15  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence:Bacteria A  
         reverse primer  
  
 <400> 4  
 tatgtcgacc acttt 15  
  
 <210> 5  
 <211> 27  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence:Beacons probe  
         for Bacteria A  
  
 <220>  
 <221> modified\_base  
 <222> (1)  
 <223> n = c modified by FAM  
  
 <220>  
 <221> modified\_base  
 <222> (27)  
 <223> n = g modified by Dabcyl  
  
 <400> 5  
 ncacgcacta gtaatagaaa cgcgtgn 27  
  
 <210> 6  
 <211> 90  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence:Bacteria B  
         specific PCR target sequence  
  
 <400> 6  
 gcacgcgtat gcagcgacga tgcagcgacg agtcgaggct aggcgagcag ctttatctat 60  
 catcgtgata gtgtacgtag ctacatctg 90  
  
 <210> 7  
 <211> 90  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence:complementary  
         sequence to the target sequence for Bacteria B

<400> 7  
cagatgctag ctacgtacac gatcacgatg atagataaag ctgctcgcct agcctcgact 60  
cgctcgctgca tcgtcgctgc atacgcgtgc 90

<210> 8  
<211> 15  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:Bacteria B  
forward primer

<400> 8  
gctgcatacg cgtgc 15

<210> 9  
<211> 15  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:Bacteria B  
reverse primer, Target 2 reverse primer sequence

<400> 9  
cgtagctagc atctg 15

<210> 10  
<211> 30  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:Beacons probe  
for Bacteria B

<220>  
<221> modified\_base  
<222> (1)  
<223> n = c modified by Texas Red

<220>  
<221> modified\_base  
<222> (30)  
<223> n = g modified by Dabcyl

<400> 10  
ncacgcgctg ctcgcctagc ctcggcgtgn 30

<210> 11  
<211> 111  
<212> DNA  
<213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence:Internal  
 Control Oligo

<400> 11  
 ggtgcggaag tgtaaaaacg tagctagcat aaaagctagc atctgaaatc gagctgatgc 60  
 tgcaaagctg catacgcgaa agcatacgcg tgcaaatatg tcgaccactt t 111

<210> 12  
 <211> 111  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence:complementary  
 sequence to the target sequence for Internal  
 Control Oligo

<400> 12  
 aaagtggctcg acatatttgc acgcgtatgc ttctgcgtaa gcagctttgc agcatcagct 60  
 cgatttcaga tgctagcttt tatgctagct acgtttttac acttccgcac c 111

<210> 13  
 <211> 27  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence:Beacons probe  
 for the Internal Control

<220>  
 <221> modified\_base  
 <222> (1)  
 <223> n = c modified by TET

<220>  
 <221> modified\_base  
 <222> (27)  
 <223> n = g modified by Dabcyl

<400> 13  
 ncacgcgcag catcagctcg agcgtgn 27

<210> 14  
 <211> 30  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence:Target 2  
 reverse primer subsequences

<400> 14  
 cgtagctagc atctgaaaag ctagcatctg 30

<210> 15  
<211> 27  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> Description of Artificial Sequence:Target 2  
reverse primer subsequences  
  
<220>  
<221> modified\_base  
<222> (10)..(21)  
<223> n = g, a, c or t; unrelated nucleotides separating  
Target 2 reverse primer subsequences  
  
<400> 15  
cgtagctagn nnnnnnnnnn ncatctg

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